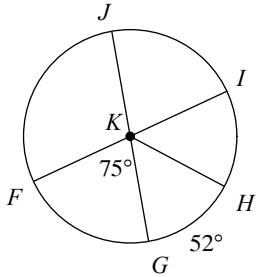


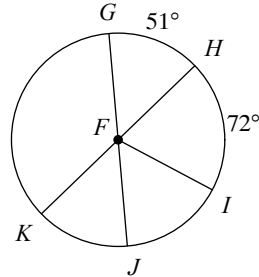
Unit 9 Circles Review

Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.

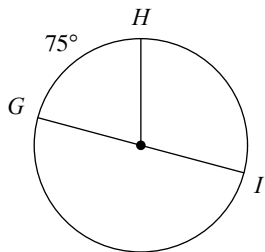
1) $m\angle JKH$



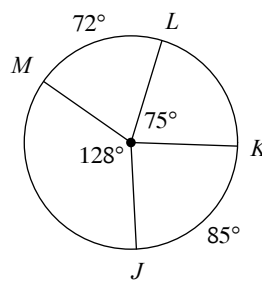
2) $m\angle KFG$



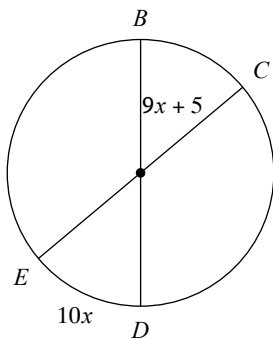
3) $m\widehat{HI}$



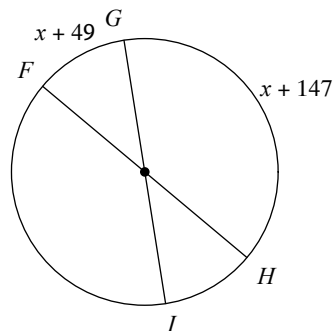
4) $m\widehat{KJM}$



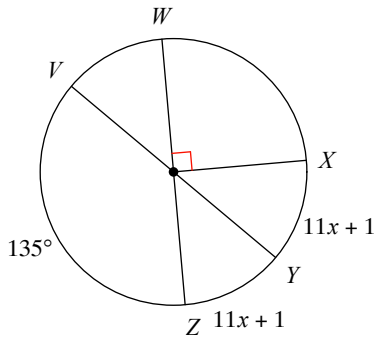
5) $m\widehat{BC}$



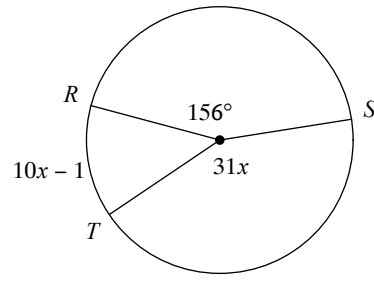
6) $m\widehat{HIG}$



7) $m\widehat{XY}$

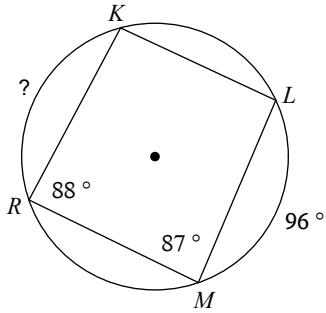


8) $m\widehat{TR}$

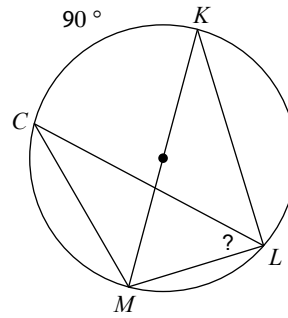


Find the measure of the arc or angle indicated.

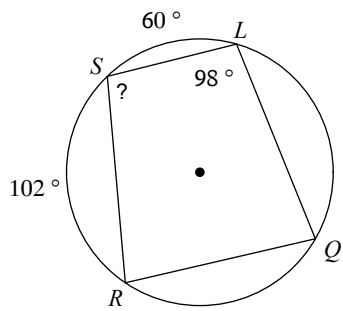
9)



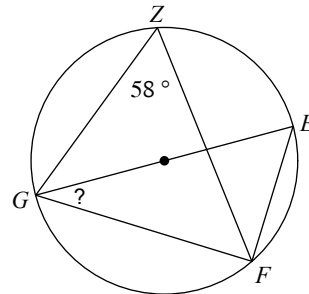
10)



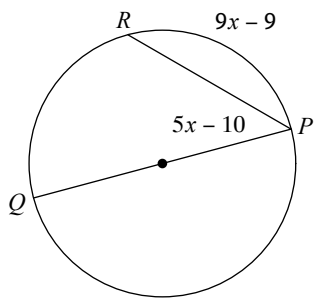
11)



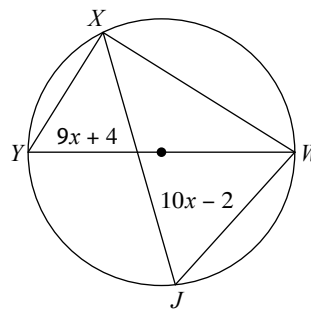
12)



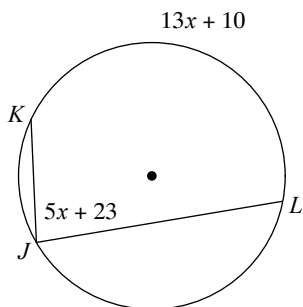
13) Find $m\angle QPR$



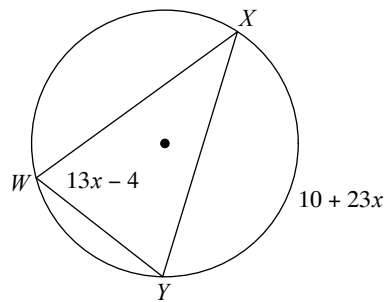
14) Find $m\widehat{XW}$



15) Find $m\widehat{KL}$

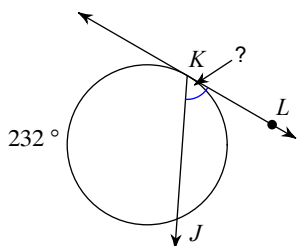


16) Find $m\angle YWX$

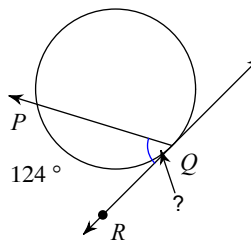


Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

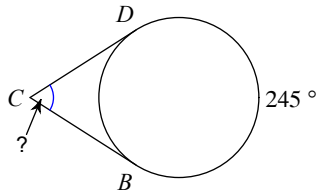
17)



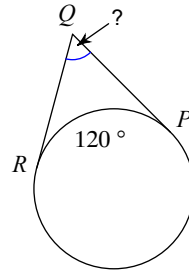
18)



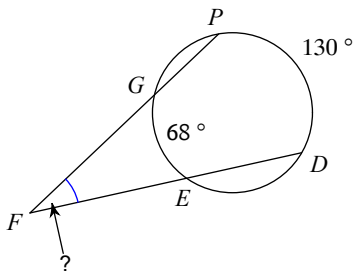
19)



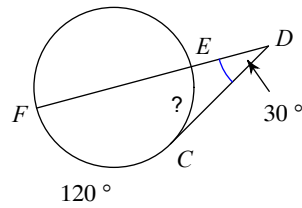
20)



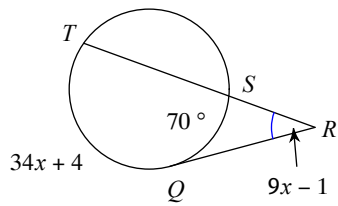
21)



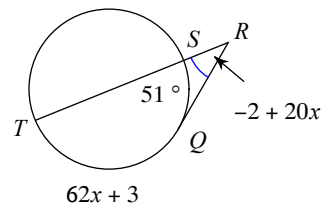
22)



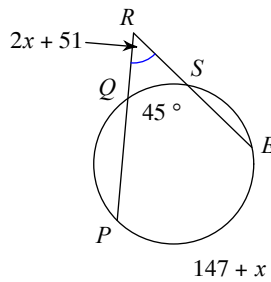
23) Find $m\angle QRT$



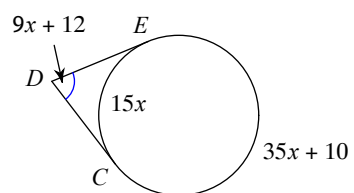
24) Find $m\angle QRT$



25) Find $m\widehat{EP}$



26) Find $m\angle EDC$



Convert each degree measure into radians.

27) 195°

28) 45°

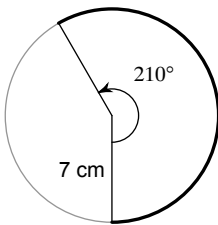
Convert each radian measure into degrees.

29) $\frac{3\pi}{4}$

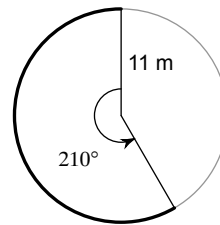
30) $\frac{19\pi}{18}$

Find the length of each arc.

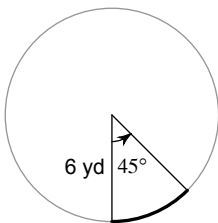
31)



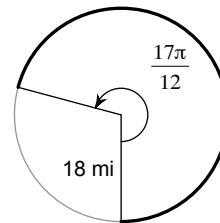
32)



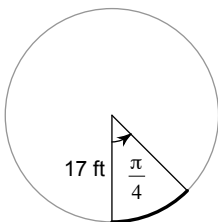
33)



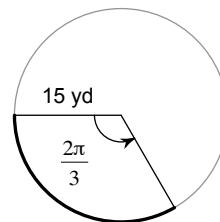
34)



35)

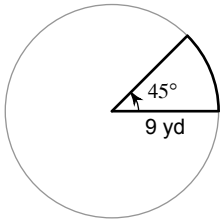


36)

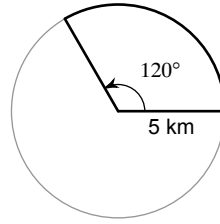


Find the area of each sector.

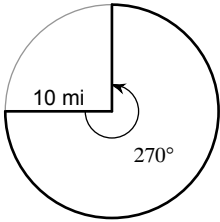
37)



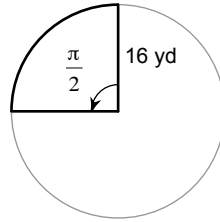
38)



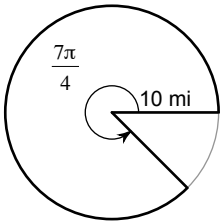
39)



40)



41)



42)

